Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 02 Oct 2021 until 23:59 on Sunday 03 Oct 2021

Forecast Issued on Friday 01 Oct 2021 at 12:59

Confidence: High for relatively unsettled, but lowering for the timing and extent of worst of conditions.

Headline for Saturday 02 Oct 2021: Overcast with periods of occasionally heavy rain. Summit gales.

Mountain weather hazards on Saturday 02 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Heavy rain showers (night)	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy rain showers (night)
Precipitation probability							
40%	60%	70%	80%	80%	90%	80%	60%

Forecast for Saturday 02 Oct 2021

Weather: Rather cloudy overnight with showers increasingly merging into longer and heavier periods of rain. Overcast and dull for the bulk of Saturday with periods of rain, which turn heavy at times, particularly across western ranges. Gradually rain clearing from the west during the evening with sharp showers following before midnight.

Chance of cloud free mountain/hill tops above 600m: 20%

Visibility: Prolonged moderate or poor in rain and briefly in showers, very poor in hill fog with bases extensive to broken through the day from 450-600m.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 02 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 SW	17/25 S	19/28 S	23/34 S	23/35 S	17/27 SE	10/18 S	15/22 W	16/25 W
300	8/21 SW	10/23 S	12/26 S	15/31 S	16/33 S	12/26 SE	6/14 S	9/20 W	10/23 W
Valley	7/21 S	9/23 S	13/30 S	16/34 SE	17/36 SE	12/26 SE	5/12 S	5/16 W	8/21 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	5/0	5/-0	6/1	7/2	7/3	7/4	6/2	5/-0
300	8/5	7/4	7/3	8/5	9/6	9/6	9/8	8/5	7/4
Valley	9/7	8/6	8/5	10/7	10/7	11/8	10/9	9/8	8/6
Freezing Level*	1400m	1400m	1500m	1600m	1800m	1800m	1800m	1500m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds gusting towards 50mph at times across highest peaks, bringing a significant windchill effect, this coupled with driving rain and extensive hill fog will bring potentially hazardous conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 01 Oct 2021	9.2mm	19.8mm	32mm

Forecast for Sunday 03 Oct 2021

Weather: A day of showers with some turning heavy, bringing the risk of hail and thunder, particularly from mid-afternoon onwards.

Maximum wind: Southwest initially mean 25-30mph with gusts reaching 45mph across most exposed ridges and summits, easing a touch from late morning.

Chance of cloud free mountain/hill tops above 600m: 80%

Visibility: Good becoming moderate or poor in showers and very poor in hill fog with bases sporadically lowering 500m in showers.

Temperature: **Valleys:** Plus 6 Celsius rising 13 Celsius during the afternoon
At 600m: Plus 6 Celsius
Freezing level: Above all summits

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